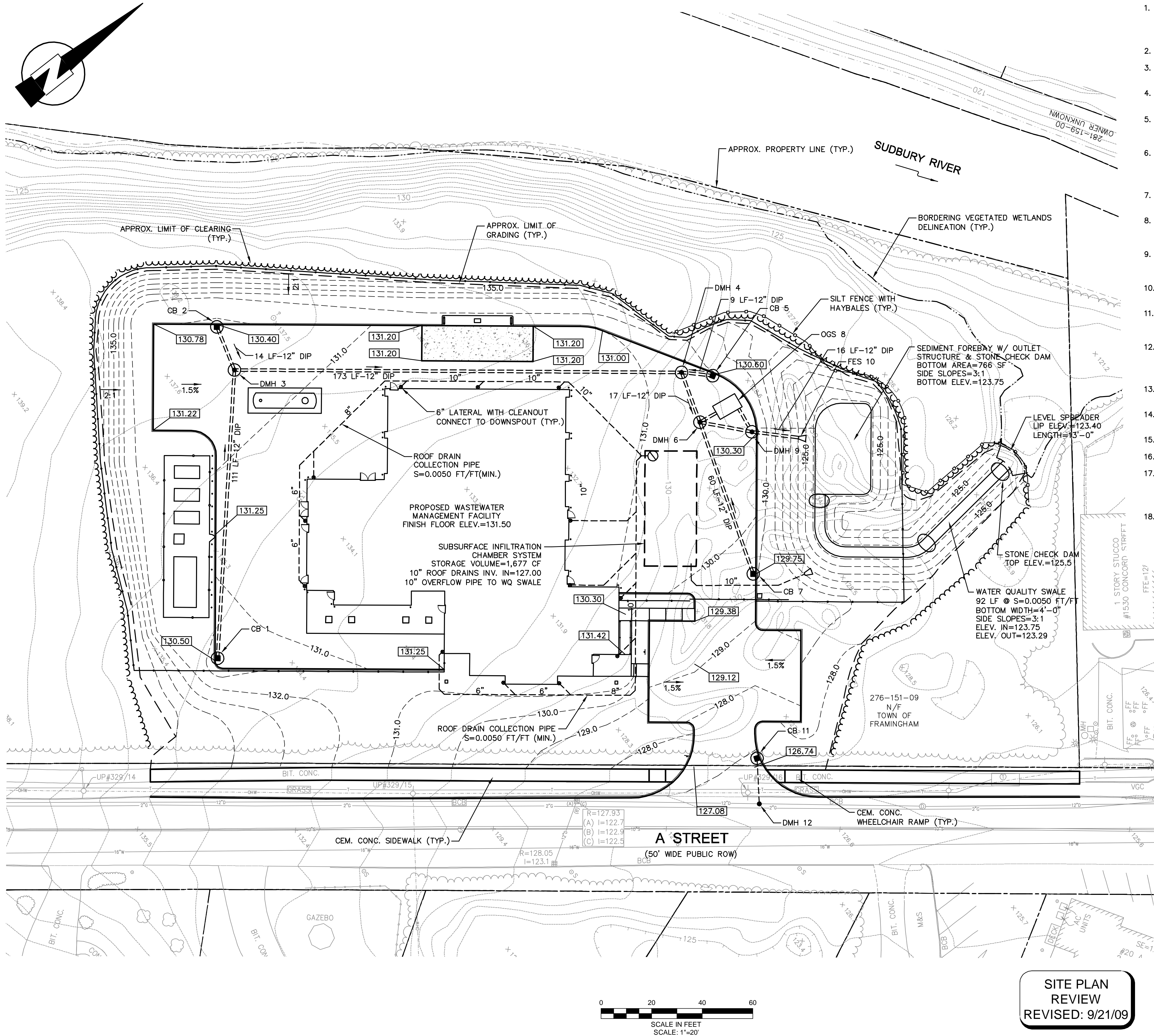


PLOT DATE=9/24/2009 12:39:16 PM USER=JOHN BLACKBURN FILENAME=G:\Clients\Framingham Sewer Improvements Project\Prelim Design\Saxonville Pump Station\Civil\PB  
Submittal 092109\G-3 Grading & Drainage Plan.dwg



#### CONSTRUCTION SEQUENCING

1. ALL TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE TO BE INSTALLED IN ACCORDANCE WITH THE MASSACHUSETTS EROSION AND SEDIMENT CONTROL GUIDELINES FOR URBAN AND SUBURBAN AREAS, PUBLISHED BY MADEP.
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE(S).
3. PROTECT NATURAL VEGETATION TO REMAIN FROM CONSTRUCTION ACTIVITIES. ERECT CONSTRUCTION FENCE OR BARRIERS AS PRACTICAL.
4. CUT AND CLEAR TREES. INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS NECESSARY DURING THIS ACTIVITY.
5. INSTALL/CONSTRUCT TEMPORARY AND PERMANENT SEDIMENT AND EROSION CONTROL MEASURES PRIOR TO ANY EARTH MOVING OPERATION THAT WILL INFLUENCE STORMWATER RUNOFF.
6. CONSTRUCT TEMPORARY CULVERTS AND DIVERSION SWALES AS NECESSARY. STABILIZE ALL SWALES PRIOR TO DIRECTING STORMWATER RUNOFF TO THEM. DIVERT OFF-SITE RUNOFF AROUND THE CONSTRUCTION AREA AND AWAY FROM AREAS PRONE TO EROSION.
7. CONSTRUCT THE PERMANENT STORMWATER FACILITIES. SEDIMENT IN RUNOFF WATER MUST BE CONTAINED WITHIN THE PROJECT AREA.
8. BEGIN EARTHWORK ACTIVITIES. THE CONTRACTOR SHALL MINIMIZE THE AREA OF DISTURBANCE THAT REMAINS UNSTABILIZED. DISTURBED AREAS THAT REMAIN IDLE FOR MORE THAN 30 DAYS SHALL BE STABILIZED.
9. THE CONTRACTOR SHALL PROTECT ALL CUT AND FILL SLOPES WITH TEMPORARY OR PERMANENT MEASURES, INCLUDING LOAM, SEED, MULCH, AND EROSION CONTROL BLANKETS WITHIN 72 HOURS OF THEIR CONSTRUCTION.
10. INSTALL UTILITIES AND STORMWATER DRAINAGE SYSTEMS. BEGIN BUILDING CONSTRUCTION.
11. SEEDING, FERTILIZATION AND MULCHING SHALL BE PERFORMED ONLY DURING NORMAL AND FAVORABLE WEATHER CONDITIONS, BETWEEN APRIL 1 AND JUNE 1, BETWEEN AUGUST 15 AND OCTOBER 1, OR AS PERMITTED.
12. PRIOR TO WINTER CONDITIONS, ALL DISTURBED AREAS SHALL BE PERMANENTLY OR TEMPORARILY STABILIZED WITH APPROPRIATE MEASURES. HEAVY MULCH OR EROSION CONTROL BLANKETS SHALL BE USED TO PROTECT NEWLY STABILIZED AREAS.
13. THE PAVEMENT BASE COURSE OF ALL PROPOSED PAVEMENT AREAS SHALL BE PAVED PRIOR TO WINTER CONDITIONS.
14. INSPECT AND MAINTAIN ALL SEDIMENT AND EROSION CONTROL MEASURES ON A WEEKLY BASIS AND AFTER EVERY RAINFALL EVENT.
15. COMPLETE BUILDING CONSTRUCTION, EARTHWORK, AND GRADING.
16. COMPLETE FINAL PAVING, PERMANENT SEEDING, AND LANDSCAPING.
17. PRIOR TO FINAL SEEDING OF THE STORMWATER TREATMENT FACILITIES, THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL ACCUMULATED SEDIMENT. STONE CHECK DAMS SHALL BE REMOVED AND REPLACED WITH NEW STONE.
18. REMOVE TRAPPED SEDIMENT FROM COLLECTOR DEVICES (HAYBALES, SILT FENCE, ETC.) AND REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES.

#### DRAINAGE NOTES

CB 1 RIM ELEV.=130.50 12" INV. OUT (3)=127.50	CB 7 RIM ELEV.=129.75 12" INV. OUT (6)=126.20
CB 2 RIM ELEV.=130.40 12" INV. OUT (3)=127.10	OGS 8 RIM ELEV.=130.46 12" INV. IN (6)=125.40 12" INV. OUT (9)=125.40
DMH 3 RIM ELEV.=130.63 12" INV. IN (1,2)=126.90 12" INV. OUT (4)=126.80	DMH 9 RIM ELEV.=130.32 12" INV. IN (6)=125.30 12" INV. IN (8)=125.30 12" INV. OUT (10)=125.20
DMH 4 RIM ELEV.=130.38 12" INV. IN (3)=125.90 12" INV. IN (5)=126.80 12" INV. OUT (6)=125.80	FES 10 12" INV. OUT (9)=125.00
CB 5 RIM ELEV.=130.60 12" INV. OUT (6)=127.00	CB 11 RIM ELEV.=126.86 12" INV. OUT=122.80
DMH 6 RIM ELEV.=130.74 12" INV. IN (4)=125.60 12" INV. IN (7)=125.90 12" INV. OUT (8)=125.50 12" INV. OUT (9)=125.50	DMH 12 RIM ELEV.=126.60 12" INV. IN=122.60 INSTALL ON EXIST. PIPE

#### APPROVED BY TOWN OF FRAMINGHAM PLANNING BOARD

SIGNED BY: \_\_\_\_\_  
SIGNED BY: \_\_\_\_\_  
SIGNED BY: \_\_\_\_\_  
SIGNED BY: \_\_\_\_\_  
SIGNED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

SEA  
SEA CONSULTANTS INC.  
Scientists/Engineers/Architects

Scale	AS NOTED	Date	Job No.	Designed by	Drawn by	Checked by	Approved by	No.	Description
Scale	AS NOTED	SEP. 1, 2009	2007113	SEA	SEA	SEA	SEA	SEA	REVISIONS

DEPARTMENT OF PUBLIC WORKS  
TOWN OF FRAMINGHAM, MASSACHUSETTS  
EAST FRAMINGHAM SEWER  
IMPROVEMENTS PROJECT  
GRADING & DRAINAGE PLAN

Client  
Sheet  
Project  
Drawing  
G-3